

AMENDMENTS TO THE SPECIFICATION

Amend paragraph [0036] as follows:

[0036] The central portion of the rotor 4 is fixed to the rotor shaft 5. The rotor 4 comprises two roller supporting plates 4-1 of a triangular shape, each placed at a symmetrical position with regard to the rotor shaft 5. A side end of the roller supporting plate 4-1 is rotatably attached to the rotor 4 with one of support shafts 4-2 parallel with each other. Another side end of the roller supporting plate 4-1 is provided with a spring 4-3 that pushes the roller supporting plate 4-1 outwardly to rotate it around the support shaft 4-2. The roller 6 is rotatably attached to the each external end portion of the roller supporting plate 4-1 with the roller shaft 7 parallel to the rotor shaft 5. A periphery of the roller 6 is partially protruding out of the roller supporting plate 4-1. The roller 6 is pressed outwardly by the spring 4-3 through the roller supporting plate 4-1 and presses the elastic tube 10 installed between the inner surface 3 of the pump housing ~~[[I]]~~ 1 and the rotor 4.

Amend paragraph [0040] as follows:

[0040] Referring to Fig. 2, a horizontal section of the right portion (the portion where the inlet slot 11 and the outlet slot 12 are not formed) of the inner surface 3 of the pump housing 1 is composed of a semicircle 3-1 having a radius r , the center of which coincides with the center of the rotor shaft 5. A horizontal section of the left portion (the portion where the inlet slot 11 and the outlet slot 12 are formed) of the inner surface 3 of the pump

housing 1 is composed of a partial circle 3-3 having also a radius r , the center of which is shifted to the left of the center of the rotor shaft 5. Each end of the semicircle 3-1 and each end of the partial circle 3-3 are connected by each tangential line of the semicircle 3-1 extending from each end of the semicircle 3-1 toward each end of the partial circle 3-3, respectively. In other words, the horizontal section of the inner surface 3 presents an ellipse-like form made of the semicircle 3-1 and the partial circle ~~3-3~~ 3-3 having the same radius r , the centers of which are shifted with each other, and the each end of which is connected with each other by each tangential line 3-2. Additionally, the left portion of the partial circle ~~3-3~~ 3-3 are formed into an appropriate form to be connected to the inlet slot 11 and the outlet slot 12.